



DIVISION OF MINES  
BOARD OF COAL MINING EXAMINERS  
CERTIFICATION REQUIREMENTS  
<http://www.dmme.virginia.gov/dm/default.htm>

## ***ELECTRICAL REPAIRMAN UNDERGROUND – (COAL) Kentucky Reciprocal Agreement***

### **PHOTO ID REQUIRED**

### **PRIOR TO SCHEDULING EXAM MUST PROVIDE LETTER OF GOOD STANDING FROM RECIPROCATING STATE**

Article 3 of the Coal Mine Safety Laws of Virginia establishes requirements for certification of coal mine workers. The certification requirements are included in §45.1-161.24 through §45.1-161.41 in which the Board of Coal Mining Examiners is established for the purpose of administering the certification program. The Board has promulgated certification regulations 4 VAC 25-20, which set the minimum standards and procedures required for Virginia coal miner examinations and certifications.

**CERTIFICATION CLASSIFICATION:** *\*Underground Electrical Repairman (Coal)-KY Reciprocity – Renewal must be in accordance with MSHA’s electrical annual retraining requirement.*

This certification authorizes the holder to:

- Perform electrical work and inspections at all surface areas of underground mines and underground coal mines
- Make examinations on electrical equipment
- Conduct and record results of electrical examinations

### **APPLICATION/EXPERIENCE REQUIREMENTS:**

- Application (BCME-1) and \$40.00 fee 5 working days prior to examination
  - **Note:** Classes are limited to 20 people and tend to fill quickly. Application fees are due no later than 5 working days prior to the examination, but this will not guarantee that an opening will be available.
- Hold a General Miner Certification
- Current first aid training (MSHA 5000-23 Annual Retraining or New Miner Inexperienced Training acceptable)
- Copy of current Kentucky electrical certification card and current electrical retraining
- Letter of “good standing” from state of Kentucky
- **Reciprocity can only be used one time to achieve certification**

**EXAMINATION REQUIREMENTS:** A score of 80% on each element of the examination. *Applicants must pass the Records - Practical Stations of the Underground Electrical examination in order for Virginia to reciprocity Kentucky electrical certification. If the practical section of the examination is failed, then the applicant may submit fee for retake of the examination 10 working days after the notification letter has been sent. If the applicant does not pass on the second try, the entire electrical examination must be taken under the regular examination process for electrical certification.*

### **ELEMENTS OF EXAM**

- Records – Practical Stations (7)
  1. Control Circuit Troubleshooting - Electrical Schematic Reading (ER)
  2. Electrical Examinations - Record Keeping Underground (RU)
  3. Electrical Examinations – Record Keeping Surface (RS)
  4. Cable Troubleshooting (CT)
  5. Circuit Breaker Troubleshooting (CB)
  - 5A. Pump Station (PP)
  6. Permissibility (PD)
  7. High Voltage Power Move (VP)

### **RECOMMENDED REFERENCE/STUDY MATERIALS:**

- Electrical Study Guide (\$20.00)

**The above mentioned study materials are available at the Department of Mines, Minerals and Energy's Big Stone Gap Office, Customer Assistance Center (276) 523-8233 and Lebanon Field Office (276) 415-9650.**

**\*8 hours Electrical Repairman continuing education will update this certification.**